

Village of Wauconda

Hillcrest Subdivision Watermain Improvements  
Project No. 1690.83  
7/18/2005

			Berger Excavating Wauconda		Elmwood Enterprises Lakemoor		Maneval Construction Grayslake		Mosele & Assoc. Ingleside	
Bid Items										
	Unit	Quantity								
1	Watermain, DIP, CL 52, ANSI A21.11									
a.	4-inch dia., open cut excavation	FT 11700	\$50.00	\$585,000.00	\$35.00	\$409,500.00	\$33.00	\$386,100.00	\$39.00	\$456,300.00
b.	12-inch dia., open cut excavation	FT 100	\$62.00	\$6,200.00	\$56.00	\$5,600.00	\$169.00	\$16,900.00	\$43.00	\$4,300.00
c.	12-inch dia., in casing pipe	FT 70	\$65.00	\$4,550.00	\$110.00	\$7,700.00	\$77.00	\$5,390.00	\$65.00	\$4,550.00
2	Valve Vault:									
a.	4" gate valve in 48" vault	EA 20	\$1,475.00	\$29,500.00	\$1,800.00	\$36,000.00	\$2,360.00	\$47,200.00	\$3,600.00	\$72,000.00
b.	12" gate valve in 60" vault	EA 2	\$2,800.00	\$5,600.00	\$3,300.00	\$6,600.00	\$3,200.00	\$6,400.00	\$5,100.00	\$10,200.00
c.	Special: 12" gate valve in 60" vault with bypass	EA 1	\$5,500.00	\$5,500.00	\$3,500.00	\$3,500.00	\$6,100.00	\$6,100.00	\$5,700.00	\$5,700.00
3	Hydrant Assembly	EA 20	\$2,850.00	\$57,000.00	\$1,950.00	\$39,000.00	\$2,000.00	\$40,000.00	\$1,680.00	\$33,600.00
4	Water Svc Connection to WM/Open Cut	EA 127	\$450.00	\$57,150.00	\$610.00	\$77,470.00	\$525.00	\$66,675.00	\$850.00	\$107,950.00
5	Water Svc Connection to WM/HDB	EA 19	\$475.00	\$9,025.00	\$2,000.00	\$38,000.00	\$590.00	\$11,210.00	\$1,800.00	\$34,200.00
6	Water Service Pipe									
a.	Open Cut Excavation Method									
i.	1-inch	FT 550	\$29.00	\$15,950.00	\$18.00	\$9,900.00	\$25.00	\$13,750.00	\$115.00	\$63,250.00
ii.	1 1/2-inch	FT 100	\$29.25	\$2,925.00	\$20.00	\$2,000.00	\$28.00	\$2,800.00	\$120.00	\$12,000.00
iii.	2-inch	FT 100	\$32.00	\$3,200.00	\$23.00	\$2,300.00	\$35.00	\$3,500.00	\$125.00	\$12,500.00
b.	Horizontal Directional Boring Method									
i.	1-inch	FT 4500	\$29.00	\$130,500.00	\$36.00	\$162,000.00	\$20.00	\$90,000.00	\$49.00	\$220,500.00
ii.	1 1/2-inch	FT 150	\$29.25	\$4,387.50	\$38.00	\$5,700.00	\$30.00	\$4,500.00	\$54.00	\$8,100.00
iii.	2-inch	FT 100	\$32.00	\$3,200.00	\$49.00	\$4,900.00	\$42.00	\$4,200.00	\$65.00	\$6,500.00
7	Pipe Tunneling	FT 40	\$95.00	\$3,800.00	\$114.00	\$4,560.00	\$75.00	\$3,000.00	\$80.00	\$3,200.00
8	Exploratory Excavation	EA 15	\$250.00	\$3,750.00	\$600.00	\$9,000.00	\$1,050.00	\$15,750.00	\$900.00	\$13,500.00
9	Augering - 20" Casing Pipe	FT 70	\$275.00	\$19,250.00	\$275.00	\$19,250.00	\$325.00	\$22,750.00	\$230.00	\$16,100.00
10	Trench Backfill	FT 2800	\$1.00	\$2,800.00	\$15.00	\$42,000.00	\$34.00	\$95,200.00	\$19.00	\$53,200.00
11	Pavement Removal & Replacement									
a.	Bonner Road	SY 31	\$80.20	\$2,486.20	\$37.00	\$1,147.00	\$105.00	\$3,255.00	\$195.00	\$6,045.00
b.	Local Roads	SY 800	\$1.00	\$800.00	\$28.00	\$22,400.00	\$32.00	\$25,600.00	\$60.00	\$48,000.00
12	Horizontal Directional Boring	FT 1350	\$118.00	\$159,300.00	\$122.00	\$164,700.00	\$115.00	\$155,250.00	\$115.00	\$155,250.00
13	Line Stop, 12"	EA 1	\$17,190.00	\$17,190.00	\$10,000.00	\$10,000.00	\$11,600.00	\$11,600.00	\$8,700.00	\$8,700.00
14	Sampling Taps	EA 12	\$250.01	\$3,000.12	\$150.00	\$1,800.00	\$240.00	\$2,880.00	\$500.00	\$6,000.00
15	Saw Cut Asphalt Surf.-Streets & Dwwys	FT 3100	\$0.01	\$31.00	\$1.00	\$3,100.00	\$0.75	\$2,325.00	\$2.00	\$6,200.00
16	Saw Cut PC Conc Dwwys	FT 20	\$0.01	\$0.20	\$2.00	\$40.00	\$5.50	\$110.00	\$10.00	\$200.00
17	Tree Removal	in-dia 17	\$0.01	\$0.17	\$30.00	\$510.00	\$30.00	\$510.00	\$50.00	\$850.00
18	Remove/Replace Existing Culverts									
a.	8" Dia., CMP TY A	FT 50	\$30.00	\$1,500.00	\$28.00	\$1,400.00	\$21.00	\$1,050.00	\$41.00	\$2,050.00
b.	10" Dia., CMP TY A	FT 40	\$32.00	\$1,280.00	\$29.00	\$1,160.00	\$23.00	\$920.00	\$47.00	\$1,880.00
c.	12" Dia., CMP TY A	FT 110	\$35.00	\$3,850.00	\$33.00	\$3,630.00	\$30.00	\$3,300.00	\$59.00	\$6,490.00
d.	18" RCP	FT 20	\$40.00	\$800.00	\$36.00	\$720.00	\$93.00	\$1,860.00	\$59.00	\$1,180.00
19	PC Conc. Driveway Removal	SY 20	\$0.01	\$0.20	\$4.00	\$80.00	\$80.00	\$1,600.00	\$15.00	\$300.00
20	Bit. Driveway Removal/Replacement	SY 400	\$0.01	\$4.00	\$33.00	\$13,200.00	\$23.00	\$9,200.00	\$55.00	\$22,000.00
21	PC Conc. Driveway Pavement, 6"	SY 20	\$0.01	\$0.20	\$65.00	\$1,300.00	\$90.00	\$1,800.00	\$69.00	\$1,380.00
22	PC Conc. Sidewalk, 4"	SF 50	\$0.01	\$0.50	\$6.00	\$300.00	\$6.00	\$300.00	\$19.00	\$950.00
23	Concrete Sidewalk Removal	SF 50	\$0.01	\$0.50	\$1.00	\$50.00	\$1.00	\$50.00	\$4.00	\$200.00
24	General Landscaping	LS 1	\$15,000.00	\$15,000.00	\$49,500.00	\$49,500.00	\$150,500.00	\$150,500.00	\$148,000.00	\$148,000.00
25	Temporary Bituminous Pavement	SY 500	\$5.00	\$2,500.00	\$15.00	\$7,500.00	\$26.00	\$13,000.00	\$60.00	\$30,000.00
26	Conc. Retaining Wall Removal/Replace	LS 1	\$1.00	\$1.00	\$5,500.00	\$5,500.00	\$2,100.00	\$2,100.00	\$8,500.00	\$8,500.00
27	Brick Paver Driveway Removal/Replace	SY 25	\$1.00	\$25.00	\$61.00	\$1,525.00	\$90.00	\$2,250.00	\$140.00	\$3,500.00

						\$1,157,056.59		\$1,174,542.00		\$1,230,885.00		\$1,595,325.00
<b>Alternate Bid Items</b>												
1	For the substitution of 8-inch dia. DIP, Class 52 ANSI A21.11 w/Puch-On Joint in lieu of 4-inch dia. Pipe:											
	a.	Delete base bid item 1a	FT	11700	\$50.00	-\$585,000.00	\$35.00	-\$409,500.00	\$33.00	-\$386,100.00	\$39.00	-\$456,300.00
	b.	Add 8" dia. Watermain	FT	11700	\$61.00	\$713,700.00	\$39.00	\$456,300.00	\$40.00	\$468,000.00	\$45.00	\$526,500.00
	c.	Add 40 addtl hydrant assemblies	EA	40	\$2,850.00	\$114,000.00	\$3,100.00	\$124,000.00	\$2,600.00	\$104,000.00	\$3,100.00	\$124,000.00
	d.	Delete base bid item 2a	EA	20	\$1,475.00	-\$29,500.00	\$1,800.00	-\$36,000.00	\$2,360.00	-\$47,200.00	\$3,600.00	-\$72,000.00
	e.	Add 8" gate valve in 48" vault	EA	35	\$2,100.00	\$73,500.00	\$2,200.00	\$77,000.00	\$2,550.00	\$89,250.00	\$4,700.00	\$164,500.00
	f.	Delete base bid item 4	EA	127	\$450.00	-\$57,150.00	\$610.00	-\$77,470.00	\$525.00	-\$66,675.00	\$850.00	-\$107,950.00
	g.	Add water service connections as described for 8" pipe	EA	127	\$1,400.00	\$177,800.00	\$610.00	\$77,470.00	\$585.00	\$74,295.00	\$850.00	\$107,950.00
						\$407,350.00		\$211,800.00		\$235,570.00		\$286,700.00